

Journal of Applied Photographic Engineering

Howard C. Daly, Editor

A bimonthly publication of the
Society of Photographic Scientists and Engineers

INDEX TO VOLUME 6 1980

Subject	158
Author	159

Only technical papers (P), Image Technology® (IT), and Tutorial papers (T) are included in this index

Number 1, February	1-36
Number 2, April	37-68
Number 3, June	69-86
Number 4, August	87-108
Number 5, October	109-130
Number 6, December	107-160

Subject Index

- Aerodynamics**
Aerodynamics of ink jet printing (P), 3: 83-86
- Black-and-white films**
Authenticity study of the Oswald backyard photography in the J. F. Kennedy assassination investigation (IT), 1: 27-32
- Black and white processing**
Use of photographic reducers in autoradiographic image-intensification method (P), 6: 141-143
- Business graphics**
An application of ink jet to the X-Y plotter (P), 3: 78-83
High-quality laser printing by wobble scanning (P), 6: 144-146
High-speed graphics printer (IT), 2: 58-62
Recent advances in data-conversion facsimile techniques (P), 4: 93-96
Review paper: The impact of technology on business graphics (P), 4: 89-93
The IBM 6670 information distributor (IT), 4: 104-108
- Cameras**
A portable inexpensive microfilm camera-processor-viewer, using instant, updatable xerox dry microfilm (P), 4: 97-103
Authenticity study of the Oswald backyard photography in the J. F. Kennedy assassination investigation (IT), 1: 27-32
- Color film**
Measurement of the temporal spectral characteristics of chemical and electronic photoflash units (P), 1: 9-13
Predicting long-term dark storage dye stability characteristics of color photographic products from short-term tests (P), 2: 42-45
- Color paper**
Predicting long-term dark storage dye stability characteristics of color photographic products from short-term tests (P), 2: 42-45
- Computers**
Mass archival storage: Some trends, needs, and plans at DOE Laboratories (IT), 1: 19-26
- Copiers**
Recent developments in electrophotographic processes, materials, and related fields (T), 6: 147-152
The IBM 6670 information distributor (IT), 4: 104-108
- Data processing**
Mass archival storage: Some trends, needs, and plans at DOE Laboratories (IT), 1: 19-26
- Digital images**
Projection light-valve technologies for high-information-content displays (P), 5: 115-120
- Recent advances in thresholding techniques for facsimile (IT), 2: 49-57
- Duplicating**
The IBM 6670 information distributor (IT), 4: 104-108
- Dye image**
Predicting long-term dark storage dye stability characteristics of color photographic products from short-term tests (P), 2: 42-45
- Education**
Photographic education for the eighties (IT), 1: 33-35
Public funding of the California Community College system (IT), 1: 35-36
- Effluents**
Silver recovery from photographic effluents by ion-exchange methods (P), 5: 120-125
Silver recovery from wash water with ion exchange (P), 1: 14-18
- Electrophotography**
Electrophoretic recording continuous-tone images (P), 3: 69-72
High-speed graphics printer (IT), 2: 58-62
Recent development in electrophotographic processes, materials, and related fields (T), 6: 147-152
Spectral sensitivities of photoconductors as used in electrophotography (P), 5: 109-114
The IBM 6670 information distributor (IT), 4: 104-108
- Exposure control**
Measurement of the temporal spectral characteristics of chemical and electronic photoflash units (P), 1: 9-13
- Facsimile**
High-speed graphics printer (IT), 2: 58-62
Recent advances in data-conversion facsimile techniques (P), 4: 93-96
Recent advances in thresholding techniques for facsimile (IT), 2: 49-57
- Fiber optics**
Fiber-optic CRTs and their use in copy machines for plain paper nonimpact printing (P), 3: 73-77
- Image evaluation**
A system for automated evaluation of modulation transfer functions of photographic materials (P), 1: 1-8
Authenticity study of the Oswald backyard photography in the J. F. Kennedy assassination investigation (IT), 1: 27-32
Use of photographic reducers in autoradiographic image-intensification method (P), 6: 141-143
- Image permanence**
Predicting long-term dark storage dye stability characteristics of color photographic products from short-term tests (P), 2: 42-45
- Ink jet printing**
Aerodynamics of ink jet printing (P), 3: 83-86
An application of ink jet to the X-Y plotter (P), 3: 78-83
- Instrumentation**
A system for automated evaluation of modulation transfer functions of photographic materials (P), 1: 1-8
Measurement of the temporal spectral characteristics of chemical and electronic photoflash units (P), 1: 9-13
- Laser**
Laserfile—A high-speed document storage and retrieval system (IT), 2: 62-65
Projection light-valve technologies for high-information-content displays (P), 5: 115-120
- Laser scanning**
High-quality laser printing by wobble scanning (P), 6: 144-146
- Light valve**
Projection light-valve technologies for high-information-content displays (P), 5: 115-120
- Lithography**
A new type of waterless planographic plate (IT), 2: 65-68
High-speed graphics printer (IT), 2: 58-62
- Math modeling**
Transfer function analysis of the total image-forming process in nuclear medicine (P), 6: 131-140
- Medical radiography**
Transfer function analysis of the total image-forming process in nuclear medicine (P), 6: 131-140
Use of photographic reducers in autoradiographic image-intensification method (P), 6: 141-143
- Microdensitometry**
A system for automated evaluation of modulation transfer functions of photographic materials (P), 1: 1-8
- Microfilm**
A portable inexpensive microfilm camera-processor-viewer, using instant, updatable xerox dry microfilm (P), 4: 97-103
- Migration imagery**
A portable inexpensive microfilm camera-processor-viewer, using instant, updatable xerox dry microfilm (P), 4: 97-103
- Nonimpact printing**
Fiber-optic CRTs and their use in copy machines for plain paper nonimpact printing (P), 3: 73-77
- Optics**
A system for automated evaluation of modulation transfer functions of photographic materials (P), 1: 1-8

Photoconductors

Spectral sensitivities of photoconductors as used in electrophotography (P), 5: 109-114

Photoflash

Measurement of the temporal spectral characteristics of chemical and electronic photoflash units (P), 1: 9-13

Photolithography

Application of photoresist by dip-drawing techniques for pattern application on large areas and unusual substrates (P), 2: 46-48

Photopolymers

A new type of waterless planographic plate (IT), 2: 65-68

Photoresist

Application of photoresist by dip-drawing techniques for pattern application on large areas and unusual substrates (P), 2: 46-48

Photothermography

A thermographic-photographic characterization of ultrasonic intensity patterns (P), 2: 37-41

Phototypesetting

High-quality laser printing by wobble scanning (P), 6: 144-146

Printing plates

A new type of waterless planographic plate (IT), 2: 65-68

Processor

A portable inexpensive microfilm camera-processor-viewer, using instant, updatable xerox dry microfilm (P), 4: 97-103

Recording system

Laserfile—A high-speed document storage and retrieval system (IT), 2: 62-65

Regeneration techniques

Silver recovery from photographic effluents by ion-exchange methods (P), 5: 120-125

Silver recovery from wash water with ion exchange (P), 1: 14-18

Use of photographic reducers in autoradiographic image-intensification method (P), 6: 141-143

Scanning

Recent advances in thresholding techniques for facsimile (IT), 2: 49-57

Transfer function analysis of the total image-forming process in nuclear medicine (P), 6: 131-140

Silver recovery

Silver recovery from photographic effluents by ion exchange methods (P), 5: 120-125

Special effects

Nonconventional application of longitudinal tape recording to simulation of cued sensor imagery (P), 5: 126-130

Spectral sensitivity

Spectral sensitivities of photoconductors as used in electrophotography (P), 5: 109-114

Tape recording

Nonconventional application of longitudinal tape recording to simulation of cued sensor imagery (P), 5: 126-130

Three-dimensional display

Representation of data in three dimensions (IT), 6: 153-156

Tone reproduction

Electrophoretic recording continuous-tone images (P), 3: 69-72

Ultrasonic imaging

A thermographic-photographic characterization of ultrasonic intensity patterns (P), 2: 37-41

Video disc

Laserfile—A high-speed document storage and retrieval system (IT), 2: 62-65

Video systems

Nonconventional applications of longitudinal tape recording to simulation of cued sensor imagery (P), 5: 126-130

Projection light-valve technologies for high-information-content displays (P), 5: 115-120

Xerography

A portable inexpensive microfilm camera-processor-viewer, using instant, updatable xerox dry microfilm (P), 4: 97-103

Author Index

Aikawa, K. See Amaya, M., 58-62

Amaya, M.

—; Aikawa, K., Horie, M.: High-speed graphic printer (IT), 2: 58-62

Baltazzi, E. S.

Recent development in electrophotographic processes, materials, and related fields (T), 6: 147-152

Bard, C. C.

—; Larson, G. W., Hammond, L., Packard, C.: Predicting long-term dark storage dye stability characteristics of color photographic products from short-term tests (P), 2: 42-45

Beck, R. N. See Tsui, B. M. W. et al., 131-140

Blazey, R. N.

—; Cates, B. E.: High-quality laser printing by wobble scanning (P), 6: 144-146

Bixby, W. E. See Ghosh, S. K., 109-114

Carroll, B. See Vachon, D., et al., 141-143

Cates, B. E. See Blazey, R. N., 144-146

Chou, H. W.

Silver recovery from wash water with ion exchange (P), 1: 14-18

Davidhazy, A. See Stroebel, L., 27-33

Dewey, A. G.

Projection light-valve technologies for high-information-content displays (P), 5: 115-120

Doi, K. See Tsui, B. M. W., et al., 131-140

Eisen, F. C. See Lamberts, R. L., 1-8

Ertsgaard, E. P.

—; Huff, K. E., Osterhoudt, H. W., and Rotondo, M. F.: A thermographic-photographic characterization of

ultrasonic intensity patterns (P), 2: 37-41

Francis, R. See Stroebel, L., 27-33

Frohbach, H. F. See Rice, P. J., 62-65

Gaynor, J.

General comments on the Second International Business Graphics Conference 4: 87-88

Ghosh, S. K.

—; Bixby, W. E.: Spectral sensitivities of photoconductors as used in electrophotography (P), 5: 109-114

Goertzel, G. See Pennebaker, W. B., 93-96

Hammond, L. See Bard, C. C., 42-45

Hartmann, G. C. See Vincett, P. S., 97-103

Hause, F. L.

—; Sullivan, P. A.: Application of photoresist by dip-drawing techniques for pattern replication on large areas and unusual substrates (P), 2: 46-48

Hendricks, F.

Aerodynamics of ink jet printing (P), 3: 83-86

Herbert, A. J.

Representation of data in three dimensions (IT), 153-156

Hinz, H.-D.

—; Lobl, H., Rothgordt, U.: Electrophoretic recording continuous-tone images (P), 3: 69-72

Horie, M. See Amaya, M., 58-62

Huff, K. E. See Ertsgaard, E. P., 37-41

Hunter, R. K., Jr. See Vincett, P. S., 97-103

Kaieda, S. See Mutoh, M., 78-83

Kamimura, K. See Mutoh, M., 78-83

Kobayashi, M. See Shimokawa, Y., 65-68

Kubota, T. See Shimokawa, Y., 65-68

Kuperman, G. G. See Lewis, D. E., 126-130

Lamberts, R. L.

—; Eisen, F. C.: A system for automated evaluation of modulation transfer functions of photographic materials (P), 1: 1-8

Larson, G. W. See Bard, C. C., 42-45

Leary, M. E.

Public funding of the California Community College System (IT), 1: 35-36

Lewis, D. E.

—; Kuperman, G. G.: Nonconventional application of longitudinal tape recording to simulation of cued sensor imagery (P), 5: 126-130

Lobl, H. See Hinz, H.-D., 69-72

McCrary, W. D. See Vincett, P. S., 97-103

Metz, C. E. See Tsui, B. M. W., et al., 131-140

Michael, G. A.

Mass archival storage: Some trends, needs, and plans at DOE Laboratories (IT), 1: 19-26

Mina, R.

Silver recovery from photographic effluents by ion exchange methods (P), 5: 120-125

Mitchell, J. L. See Pennebaker, W. B., 93-96

Mutoh, M.

—; Kaieda, S., Kamimura, K.: An application of ink jet to the X-Y plotter (P), 3: 78-83

- Offenbacher, E.**
Photographic education for the eighties (IT), 1: 33-35
- O'Mara, R.** See Vachon, D., et al., 141-143
- Osterhoudt, H. W.** See Ertsgaard, E. P., 37-41
- Owunwanne, A.** See Vachon, D., et al., 141-143
- Packard, C.** See Bard, C. C., 42-45
- Pennebaker, W. B.**
—; Goertzel, G., Mitchell, J. L.: Recent advances in data-conversion facsimile techniques (P), 4: 93-96
- Pepper, N. A.** See Rice, P. J., 62-65
- Pierce, G. A.** See Rice, J. J., 62-65
- Pundsack, A. L.** See Vincett, P. S., 97-103
- Rice, P. J.**
—; Frohbach, H. F., Pepper, N. A., Pierce, G. A., Schaefer, L. F., Young, J. R.: Laserfile—A high-speed document storage and retrieval system: (IT), 2: 62-65
- Rothgordt, U.** See Hinz, H.-D., 69-72
- Rotondo, M. F.** See Ertsgaard, E. P., 37-41
- Schaefer, L. F.** See Rice, P. J., 62-65
- Shimokawa, Y.**
—; Kobayashi, M., Kubota, T.: A new type of waterless planographic plate (IT), 3: 65-68
- Sporer, A. H.**
Review paper: The impact of technology on business graphics (P), 4: 89-93
- Stroebel, L.**
—; Davidhazy, A., Francis, R.: Authenticity study of the Oswald back-yard photography in the J. F. Kennedy assassination investigation (IT), 1: 27-33
- Sullivan, P. A.** See Hause, F. L., 46-48
- Thompson, B. G.**
The IBM 6670 information distributor (IT), 4: 104-108
- Tsui, B. M. W.**
—; Beck, R. N., Metz, C. E., Doi, K.: Transfer function analysis of the total image-forming process in nuclear medicine (P), 6: 131-140
- Turechek, G. D.**
Measurement of the temporal spectral characteristics of chemical and electronic photoflash units (P), 1: 9-13
- Vachon, D.**
—; Owunwanne, A., Carroll, B., O'Mara, R.: Use of photographic reducers in autoradiographic image-intensification method (P), 6: 141-143
- Vincett, P. S.**
—; Pundsack, A. L., Hartmann, G. C., Hunter, R. K., Jr., McCrary, W. D.: (P), 4: 97-103
- White, J. L.**
Recent advances in thresholding techniques for facsimile (P), 2: 49-57
- Wurtz, J. E.**
Fiber-optic CRTs and their use in copy machines for plain paper nonimpact printing (P), 3: 73-77
- Young, J. R.** See Rice, P. J., 62-65

